

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
 Data File : BE093176.D
 Acq On : 14 Jun 2017 19:10
 Operator : SJ/MA
 Sample : I3522-20DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5D36DL

Manual Integrations
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Quant Time: Jun 15 03:49:31 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 02:27:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	4365	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	22001	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	13549	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	34250	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	34919	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	32865	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	1571	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	4782	0.05	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	2617	0.048	ng/ul#	90
7) Acenaphthylene	14.09	152	2714	0.047	ng/ul	96
12) Phenanthrene	17.14	178	5438	0.058	ng/ul#	90
13) Anthracene	17.22	178	4751	0.058	ng/ul#	93
15) Fluoranthene	19.16	202	42721	0.370	ng/ul	84
17) Pyrene	19.52	202	43454	0.422	ng/ul#	83
18) Benzo(a)anthracene	21.24	228	30670	0.329	ng/ul#	90
19) Chrysene	21.29	228	40753	0.422	ng/ul#	92
21) Benzo(b)fluoranthene	22.93	252	63409m	0.636	ng/ul	
22) Benzo(k)fluoranthene	22.98	252	21800m	0.206	ng/ul	
23) Benzo(a)pyrene	23.55	252	31437	0.333	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	26.18	276	19798	0.181	ng/ul#	88
25) Dibenzo(a,h)anthracene	26.19	278	5757	0.063	ng/ul#	21
26) Benzo(g,h,i)perylene	26.95	276	16852	0.180	ng/ul#	81

(#) = qualifier out of range (m) = manual integration (+) = signals summed

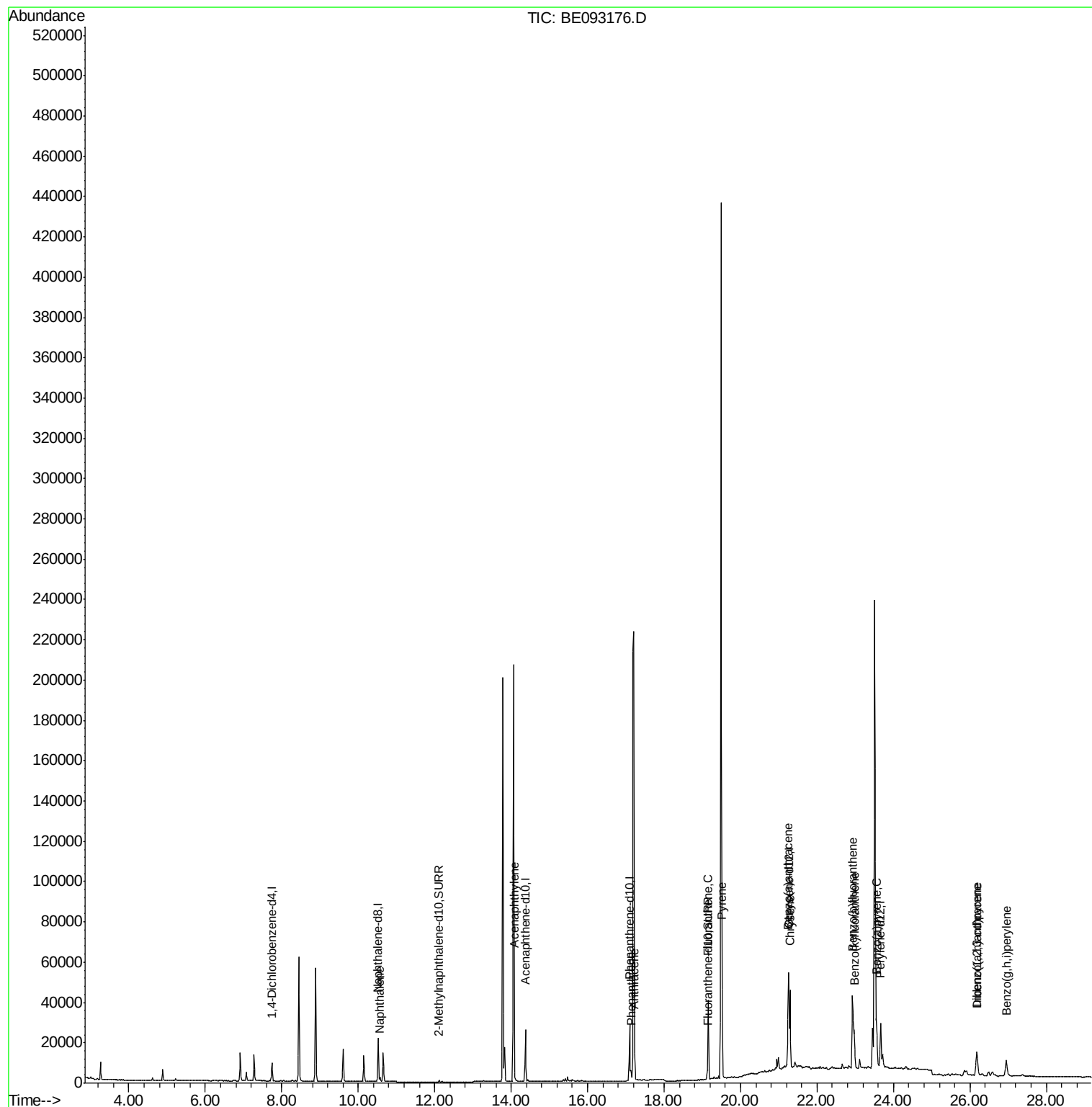
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
Data File : BE093176.D
Acq On : 14 Jun 2017 19:10
Operator : SJ/MA
Sample : I3522-20DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

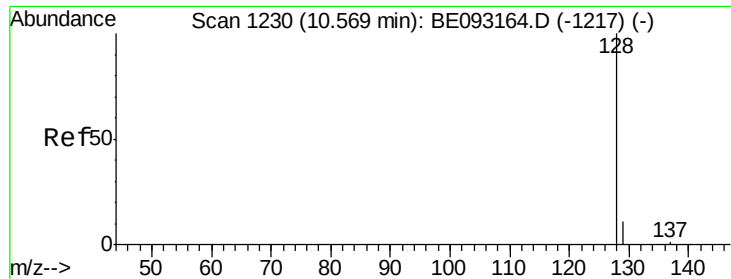
Instrument :
BNA_E
ClientSampleId :
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Quant Time: Jun 15 03:49:31 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 02:27:21 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.048 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE093176.D

Acq: 14 Jun 2017 19:10

Instrument :

BNA_E

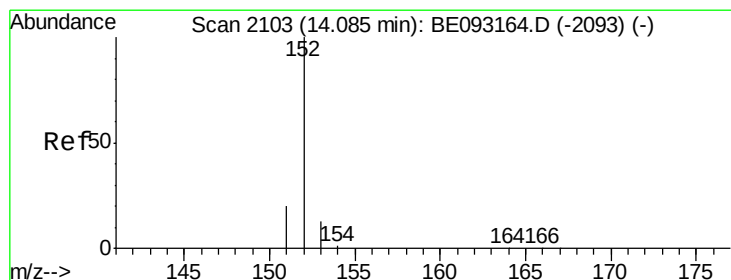
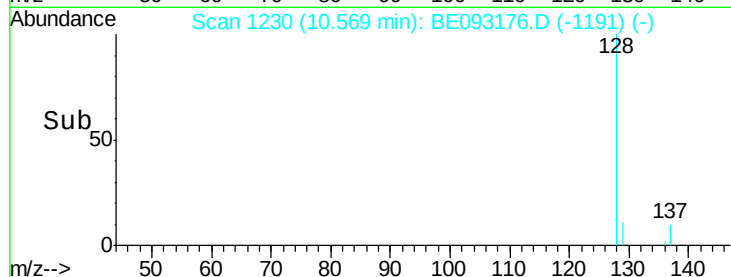
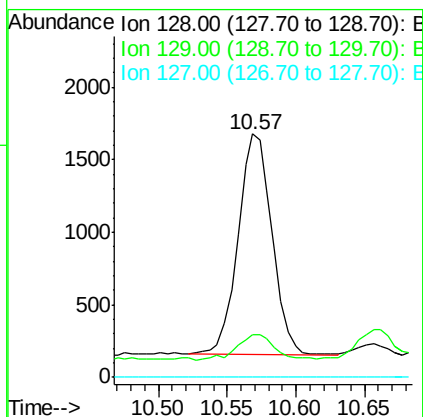
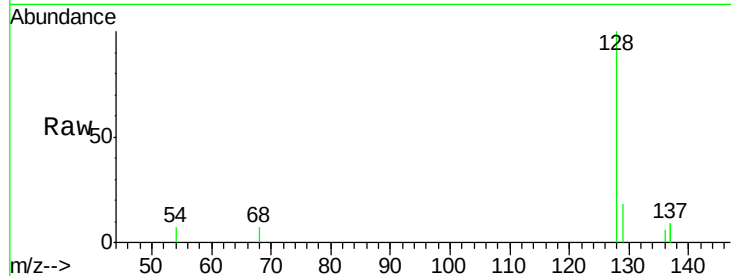
ClientSampleId :

F5D36DL

Tgt Ion:	128	Resp:	2617
Ion Ratio	Lower	Upper	
128	100		
129	17.6	11.3	16.9#
127	0.0	4.0	6.0#

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#7

Acenaphthylene

Concen: 0.047 ng/ul

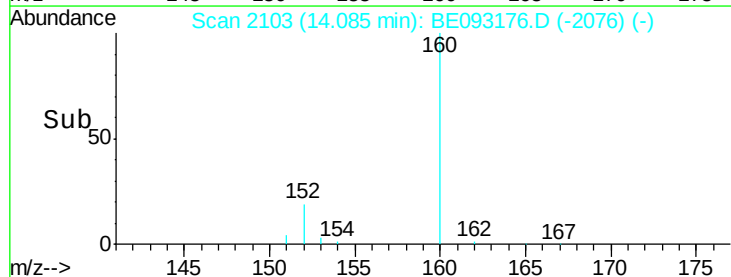
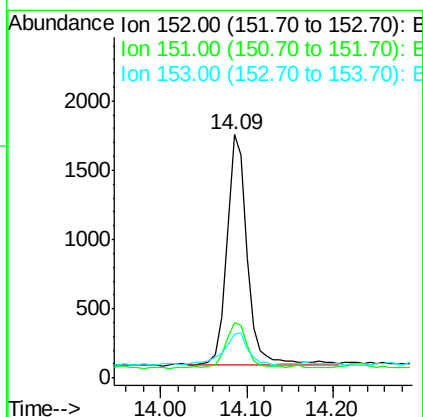
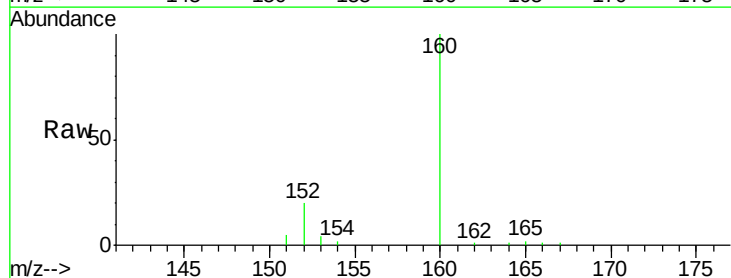
RT: 14.09 min Scan# 2103

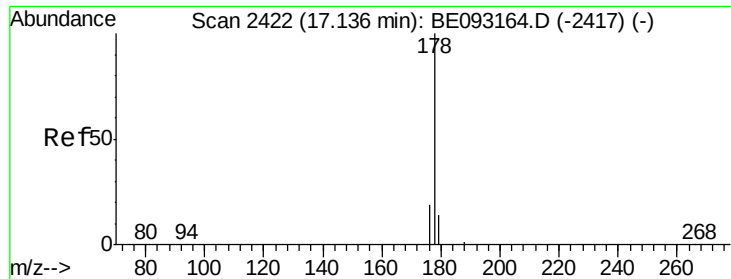
Delta R.T. 0.00 min

Lab File: BE093176.D

Acq: 14 Jun 2017 19:10

Tgt Ion:	152	Resp:	2714
Ion Ratio	Lower	Upper	
152	100		
151	22.9	17.1	25.7
153	18.0	12.8	19.2





#12

Phenanthrene

Concen: 0.058 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. 0.00 min

Lab File: BE093176.D

Acq: 14 Jun 2017 19:10

Instrument :

BNA_E

ClientSampleId :

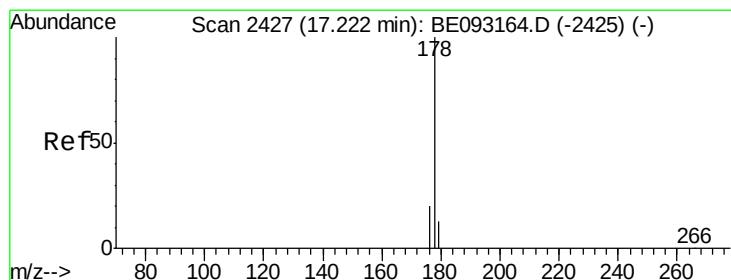
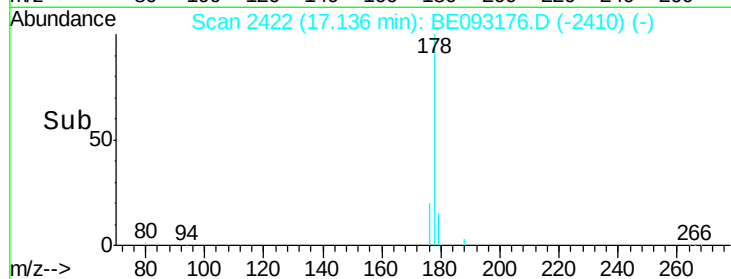
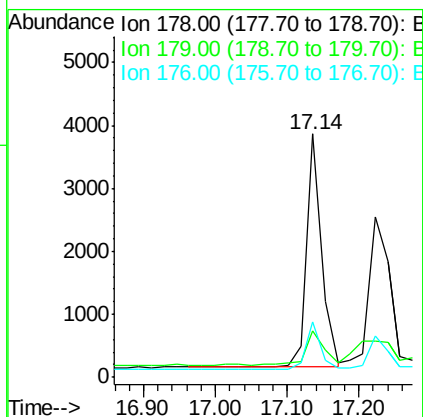
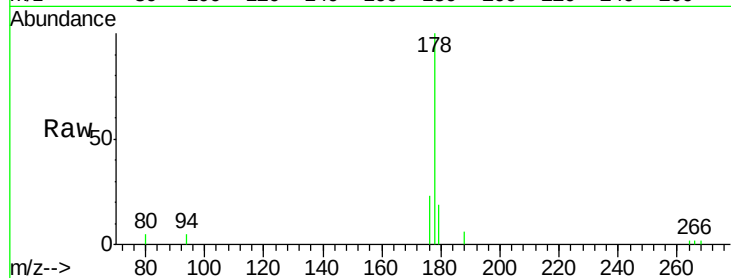
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Tgt Ion:178 Resp: 5438

Ion	Ratio	Lower	Upper
178	100		
179	19.2	18.4	27.6
176	22.5	13.6	20.4

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#13

Anthracene

Concen: 0.058 ng/ul

RT: 17.22 min Scan# 2427

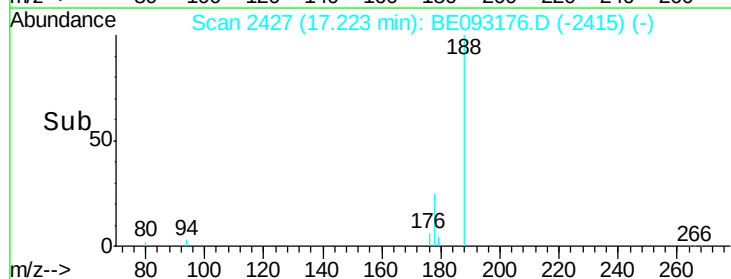
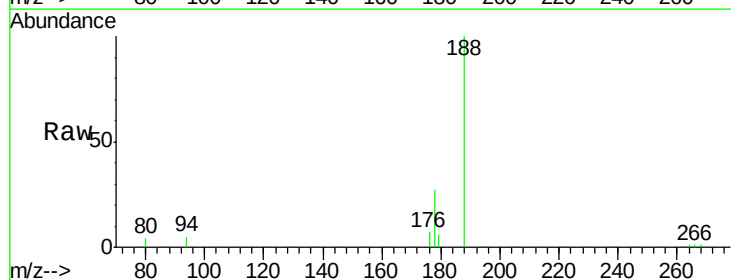
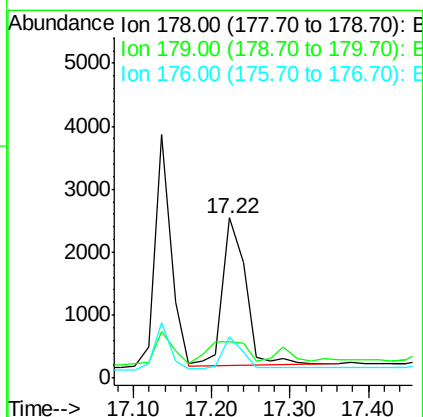
Delta R.T. 0.00 min

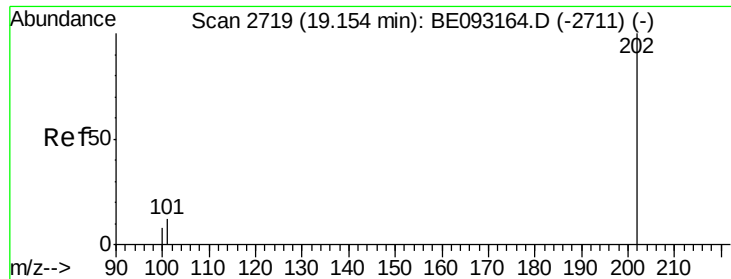
Lab File: BE093176.D

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Tgt Ion:178 Resp: 4751

Ion	Ratio	Lower	Upper
178	100		
179	22.5	18.1	27.1
176	25.7	14.7	22.1





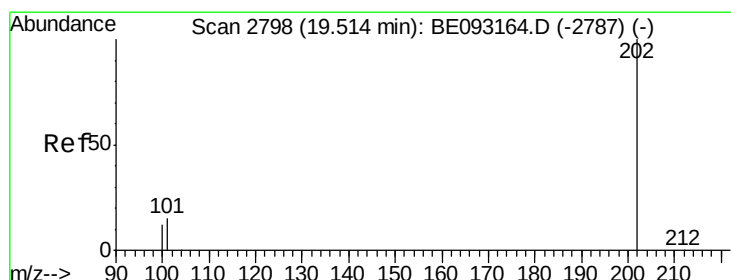
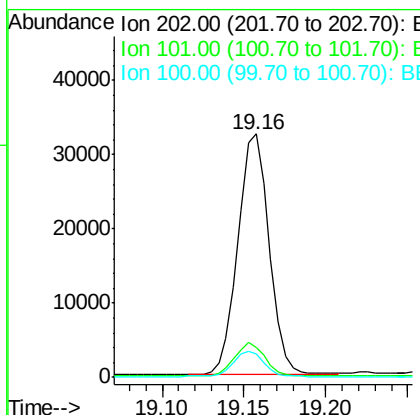
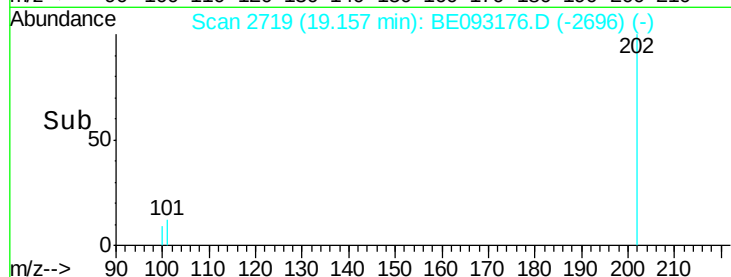
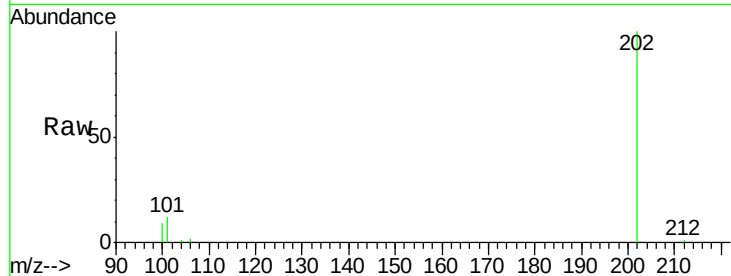
#15
Fluoranthene
Concen: 0.370 ng/ul
RT: 19.16 min Scan# 2719
Delta R.T. 0.00 min
Lab File: BE093176.D
Acq: 14 Jun 2017 19:10

Instrument :
BNA_E
ClientSampleId :
F5D36DL

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	42721		
101	12.4	0.0	30.3	
100	9.5	0.0	39.5	

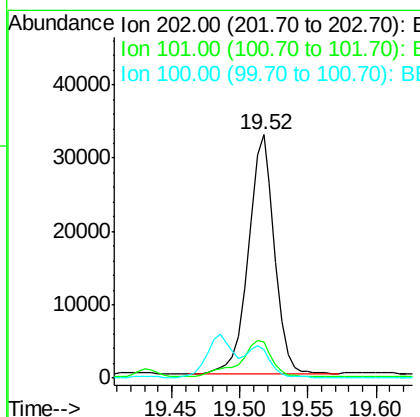
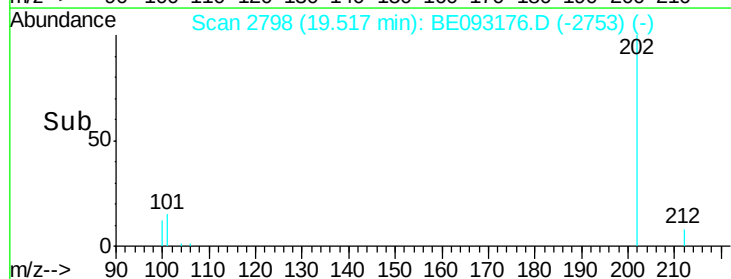
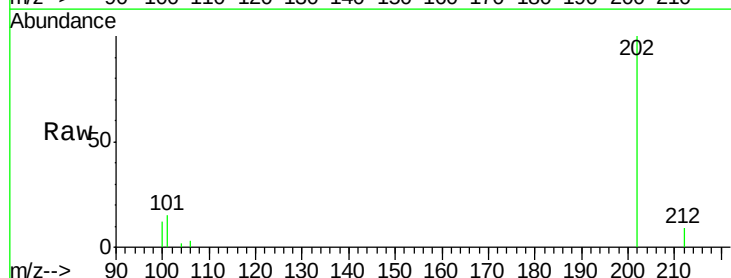
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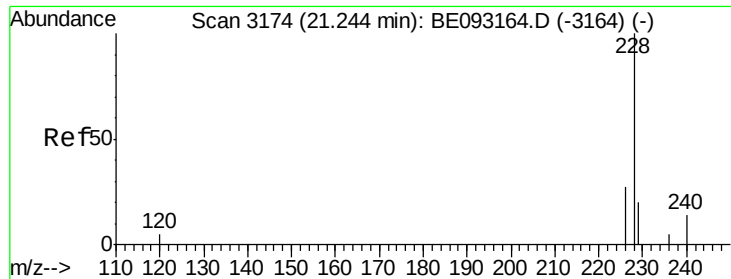
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#17
Pyrene
Concen: 0.422 ng/ul
RT: 19.52 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BE093176.D
Acq: 14 Jun 2017 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	43454		
101	14.7	18.2	27.4#	
100	11.9	15.6	23.4#	





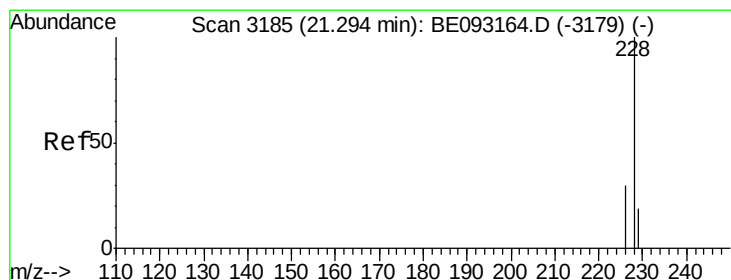
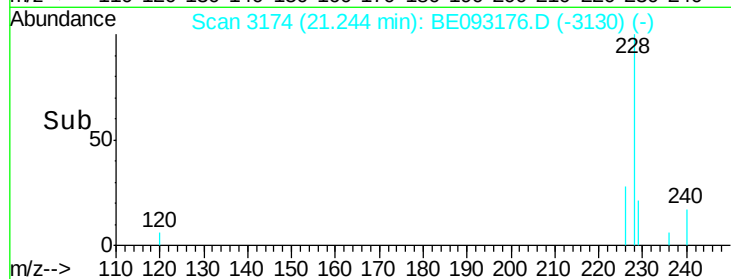
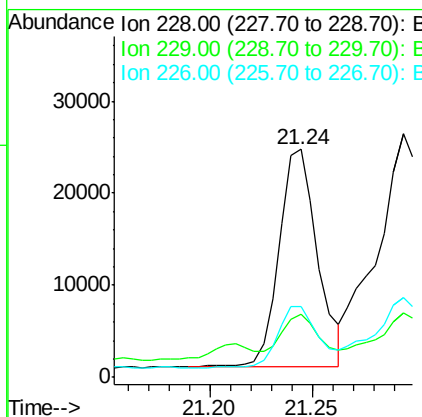
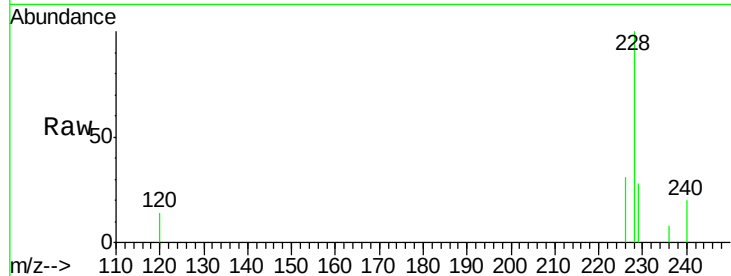
#18
Benzo(a)anthracene
Concen: 0.329 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BE093176.D
Acq: 14 Jun 2017 19:10

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	27.8	22.8	34.2
226	31.0	17.0	25.6

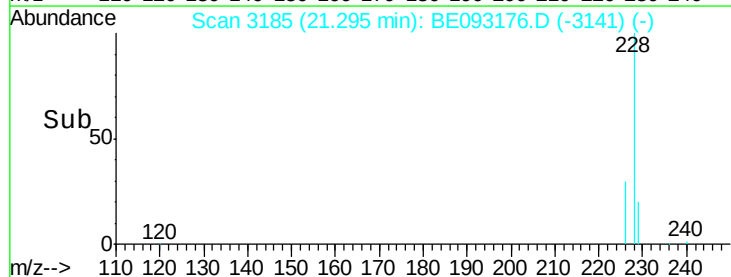
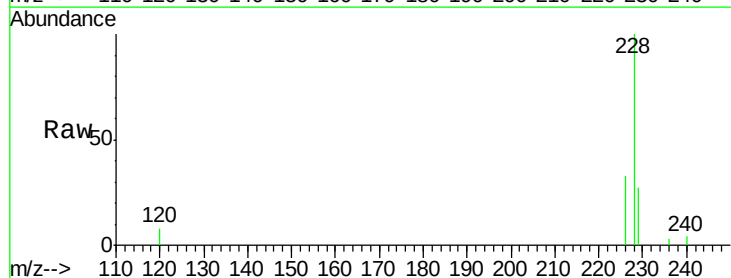
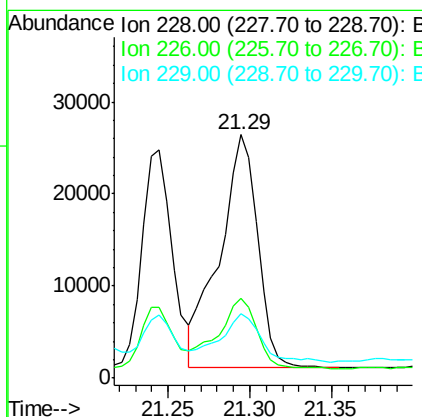
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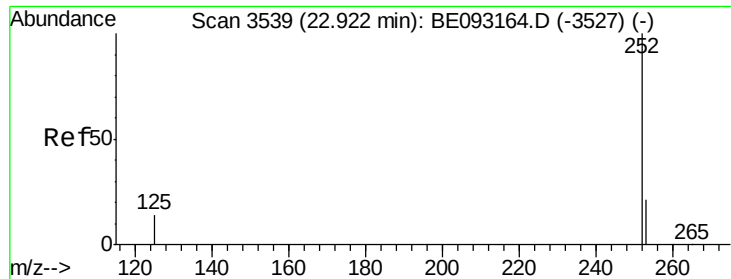
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#19
Chrysene
Concen: 0.422 ng/ul
RT: 21.29 min Scan# 3185
Delta R.T. 0.00 min
Lab File: BE093176.D
Acq: 14 Jun 2017 19:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	23.4	35.0
229	26.7	17.7	26.5





#21

Benzo(b)fluoranthene

Concen: 0.636 ng/ul m

RT: 22.93 min Scan# 3541

Delta R.T. 0.01 min

Lab File: BE093176.D

Acq: 14 Jun 2017 19:10

Instrument :

BNA_E

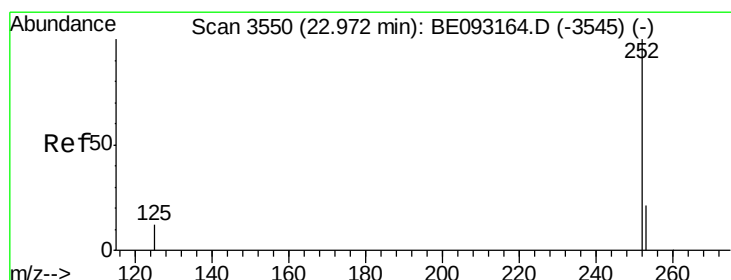
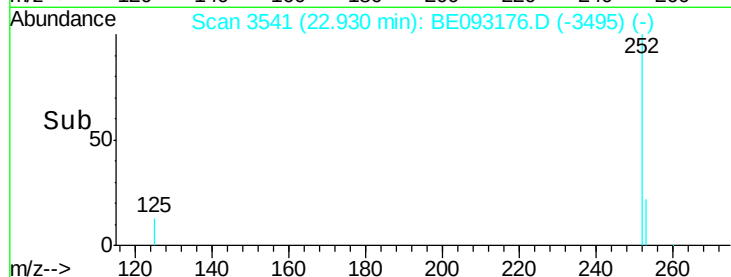
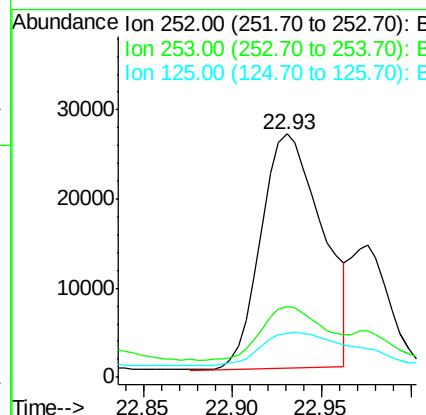
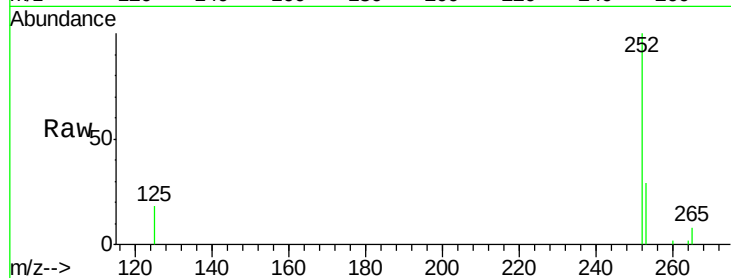
ClientSampleId :

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Tgt Ion:	252	Resp:	63409
Ion Ratio	Lower	Upper	
252	100		
253	28.8	0.0	64.2
125	18.1	0.0	35.0

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#22

Benzo(k)fluoranthene

Concen: 0.206 ng/ul m

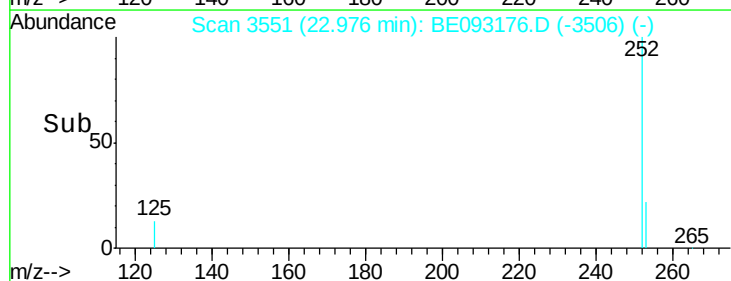
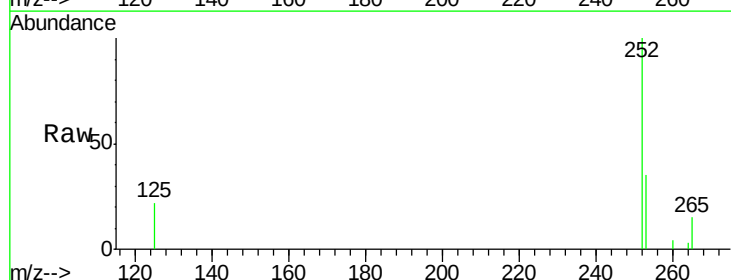
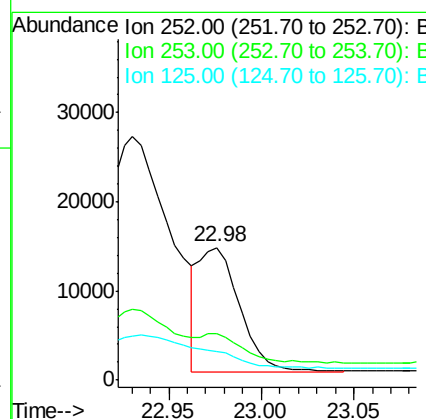
RT: 22.98 min Scan# 3551

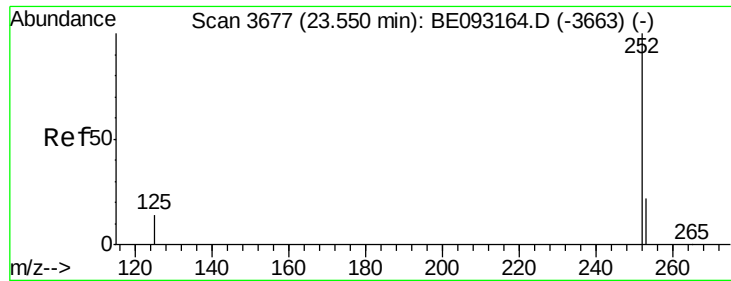
Delta R.T. 0.00 min

Lab File: BE093176.D

Acq: 14 Jun 2017 19:10

Tgt Ion:	252	Resp:	21800
Ion Ratio	Lower	Upper	
252	100		
253	34.8	24.5	36.7
125	22.0	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.333 ng/ul

RT: 23.55 min Scan# 3678

Delta R.T. 0.00 min

Lab File: BE093176.D

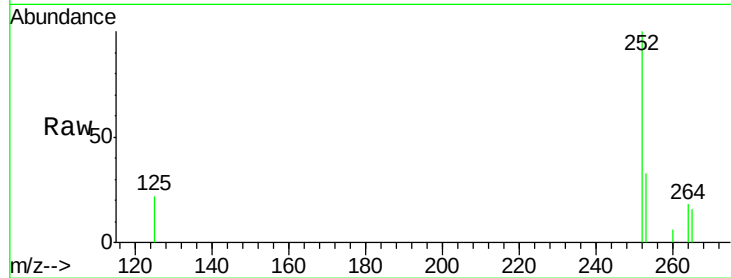
Acq: 14 Jun 2017 19:10

Instrument :

BNA_E

ClientSampleId :

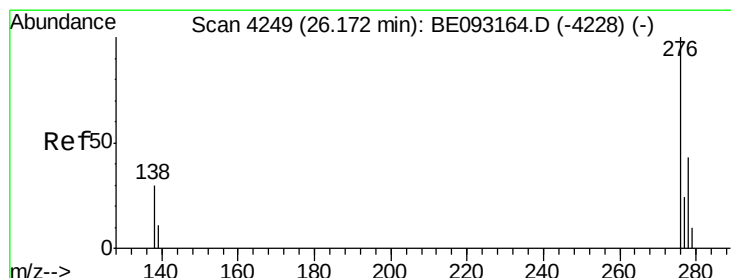
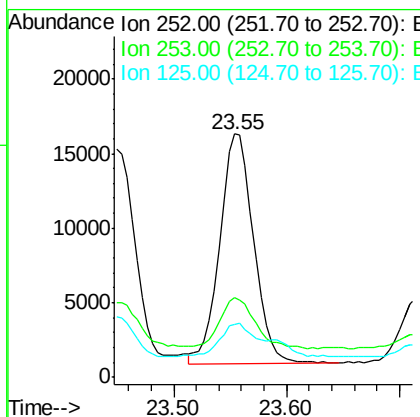
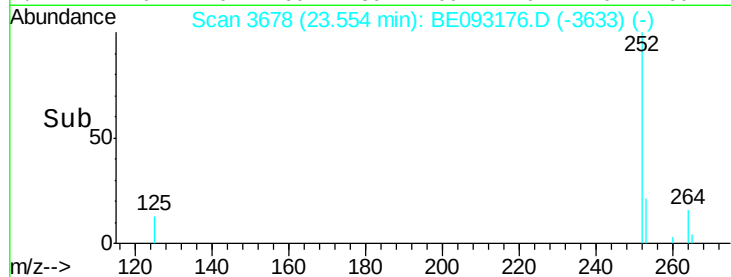
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Tgt Ion:	252	Resp:	31437
Ion Ratio	Lower	Upper	
252	100		
253	32.7	28.5	42.7
125	21.8	18.1	27.1

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.181 ng/ul

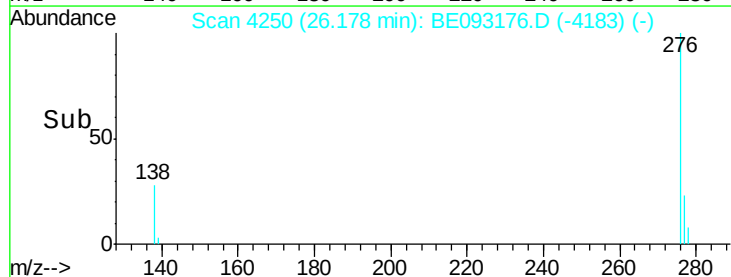
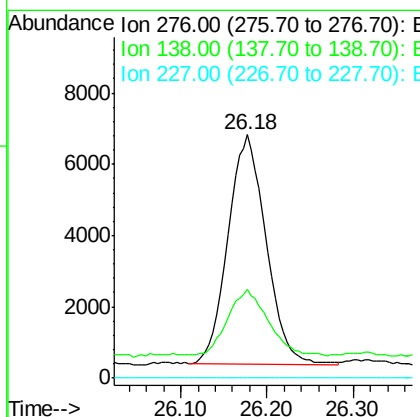
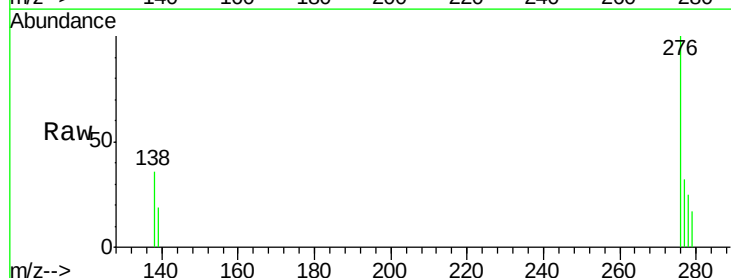
RT: 26.18 min Scan# 4250

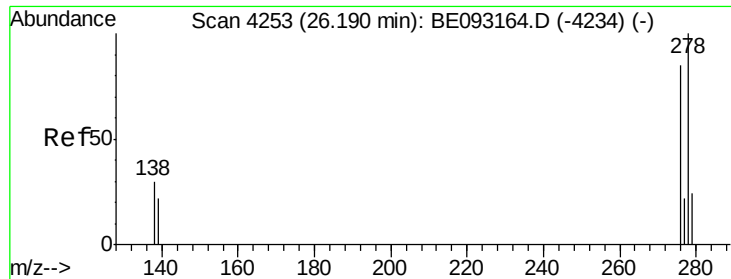
Delta R.T. 0.01 min

Lab File: BE093176.D

Acq: 14 Jun 2017 19:10

Tgt Ion:	276	Resp:	19798
Ion Ratio	Lower	Upper	
276	100		
138	30.4	28.0	42.0
227	0.0	8.0	12.0#





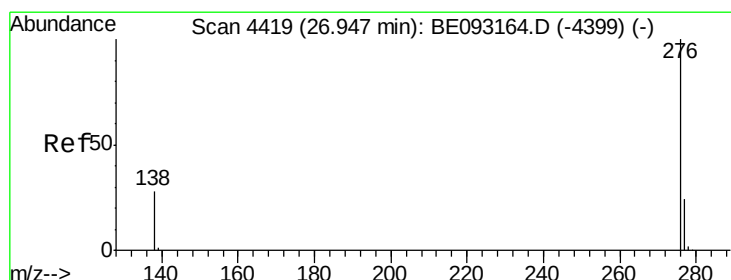
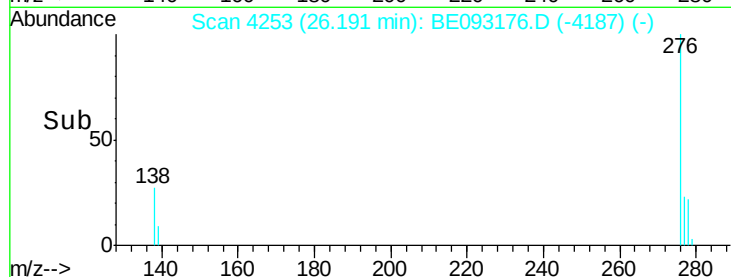
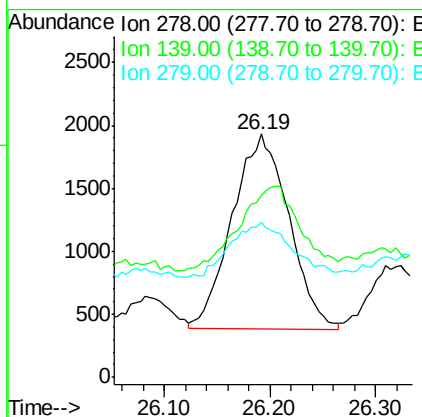
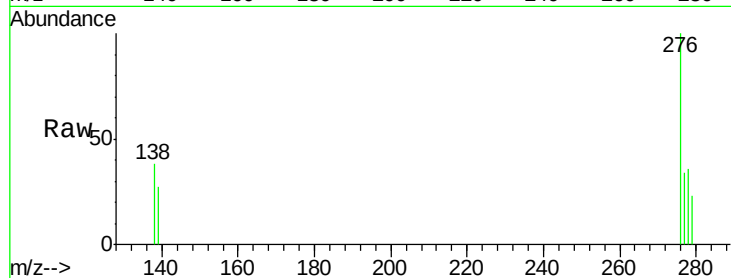
#25
Dibenzo(a,h)anthracene
Concen: 0.063 ng/ul
RT: 26.19 min Scan# 4253
Delta R.T. 0.00 min
Lab File: BE093176.D
Acq: 14 Jun 2017 19:10

Instrument :
BNA_E
ClientSampled :
F5D36DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	75.0	17.4	26.0#
279	64.0	25.9	38.9#

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#26
Benzo(g,h,i)perylene
Concen: 0.180 ng/ul
RT: 26.95 min Scan# 4420
Delta R.T. 0.01 min
Lab File: BE093176.D
Acq: 14 Jun 2017 19:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	38.5	21.8	32.8#
277	33.7	20.5	30.7#

